From: "Vickstrom, Kyle E." <vickstromke@cdmsmith.com>

To: "Sheldrake, Sean" <sheldrake.sean@epa.gov>

"Scott Coffey" <coffeyse@cdmsmith.com>

CC: "Zhen, Davis" <Zhen.Davis@epa.gov>

Date: 4/24/2019 6:42:31 AM

Subject: RE: Fish Tissue Data Analysis deliberative2

Thanks Sean. Will we want to include just DEQ on this meeting or the entire TCT?

Kyle Vickstrom

425.519.8372; cell(b) (6)

From: Sheldrake, Sean <sheldrake.sean@epa.gov>

Sent: Tuesday, April 23, 2019 7:16 PM

To: Coffey, Scott < CoffeySE@cdmsmith.com>

Cc: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>

Subject: RE: Fish Tissue Data Analysis deliberative2

Scott, Will leave it to Davis to assign someone to approve this request. It's ok by me.

Thank you.

S

Sean Sheldrake RPM, Unit Diver Officer U.S. Environmental Protection Agency 1200 Sixth Avenue, Suite 155, M/S DOC-01 Seattle, WA 98101 206.553.1220 desk 206.225.6528 cell

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https://www.epa.gov/superfund/portland-harbor

From: Coffey, Scott <CoffeySE@cdmsmith.com>

Sent: Tuesday, April 23, 2019 4:15 PM

To: Sheldrake, Sean <sheldrake.sean@epa.gov>
Cc: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>
Subject: FW: Fish Tissue Data Analysis deliberative

Hi Sean,

We estimate an LOE of (b) (4) to develop fish tissue concentration dot maps for the other COCs requested by DEQ, evaluate the lipid correlations for the 2011 study, and present results to DEQ.

Alternatively, to present the summary stats for the other COCs that we already developed for the focused COCs would be a (b) (4) LOE. Let us know how you would like us to proceed.

Thanks, Scott

From: Sheldrake, Sean <sheldrake.sean@epa.gov>

Sent: Tuesday, April 23, 2019 4:54 PM

To: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>

Cc: Zhen, Davis <Zhen.Davis@epa.gov>; Coffey, Scott <CoffeySE@cdmsmith.com>

Subject: Re: Fish Tissue Data Analysis deliberative

Yes please LOE for a webex only transmittal.

Thanks

S

Sean Sheldrake, RPM Unit Diving Officer 206.225.6528 Sent from my iPhone

On Apr 23, 2019, at 2:35 PM, Vickstrom, Kyle E. <vickstromke@cdmsmith.com> wrote:

Hi Sean,

As a follow up to your email to Sheryl, we do already have summary stat plots for the other Table 17 fish COCs developed but were not presented during today's data meeting. We do not however have maps developed for these other COCs and were not planning on developing them.

Let us know if you would like us to provide an LOE request for developing these maps as well as DEQ's request to perform the lipid correlations with the 2011 study.

Thanks,

Kyle Vickstrom 425.519.8372; cell (b) (6)

From: Sheldrake, Sean <sheldrake.sean@epa.gov>

Sent: Tuesday, April 23, 2019 4:24 PM

To: Bilbrey, Sheryl <Bilbrey.Sheryl@epa.gov> **Cc:** Zhen, Davis <Zhen.Davis@epa.gov>

Subject: FW: Fish Tissue Data Analysis deliberative

Hello Sheryl, My thoughts are that we cannot share this type of evaluation in writing with DEQ as they cannot withhold from foia. We could offer a webex of such data presentation.

Do you have any input on how you'd like us to proceed?

Thank you.

S

Sean Sheldrake RPM, Unit Diver Officer U.S. Environmental Protection Agency 1200 Sixth Avenue, Suite 155, M/S DOC-01 Seattle, WA 98101 206.553.1220 desk 206.225.6528 cell

https://www.epa.gov/scientific-diving https://www.facebook.com/EPADivers

https://www.epa.gov/superfund/portland-harbor

From: NOVAK Madi < Madi.NOVAK@state.or.us>

Sent: Tuesday, April 23, 2019 2:19 PM

To: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Sheldrake, Sean <sheldrake.sean@epa.gov> **Subject:** Fish Tissue Data Analysis

Hi Kyle and Sean,

Thanks again for the very informative presentation this morning. As I mentioned during the meeting, DEQ is interested in any fish tissue concentration data mapping or statistical evaluation for dieldrin, chlordanes, BEHP, and/or mercury. It sounded like perhaps you had already done some statistical analysis? If you have anything you could share, even if it's preliminary, I'd appreciate seeing it (I would consider this MOU confidential, of course, and not use it except to inform DEQ's understanding of the data).

As always, if you'd like to talk through any of the results in the Downtown/Upriver Reaches, I'm happy to discuss.

Thank you! Madi

Madi Novak Remedial Action Project Manager Oregon Department of Environmental Quality (503) 229-6932